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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of Daryl D. Starr, et al.

Serial No: 10/729,111

Filing Date: December 5, 2003

Examiner: Unknown

Atty. Docket No: ALA-026

GAU: Unknown

For: TCP/IP OFFLOAD DEVICE WITH REDUCED SEQUENTIAL
PROCESSING

February 25, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

4th Supplemental Information Disclosure Statement

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98, applicants bring sixteen documents to the Examiner's attention. Included are copies of nine non-patent reference documents, and a one-page form PTO-1449 listing these documents separately from seven U.S. Patent reference documents. Copies of the seven U.S. Patent reference documents are not enclosed.

Citation of these documents shall not be construed as an admission that the documents are prior art with respect to the instant invention, a representation that a search has been made, or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).


Respectfully submitted,

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450, on February 25, 2005.

Date: 2-25-05


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| U.S. Department of Commerce, Patent and Trademark Office | Application No.: 10/729,111 |
| 4 th SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Filing date: December 5, 2003 |
| | Inventors: Starr et al. |
| | Group Art Unit: 2661 |
| TCP/IP OFFLOAD DEVICE WITH REDUCED SEQUENTIAL PROCESSING | Examiner name: Unknown |
| | Attorney Docket No.: ALA-026 |

U.S. Patent Documents

| *Examiner Initial | | Document Number | Date | Name | Class | Subclass | Filing Date, If Appropriate |
|-------------------|---|-----------------|---------|----------------|-------|----------|-----------------------------|
| | A | 5,524,250 | 6/4/96 | Chesson et al. | 395 | 775 | |
| | B | 5,619,650 | 4/8/97 | Bach et al. | 395 | 200.01 | |
| | | 5,727,142 | 3/10/98 | Chen | 395 | 181 | |
| | | 5,802,258 | 9/1/98 | Chen | 395 | 182.08 | |
| | E | 5,898,713 | 4/27/99 | Melzer et al. | 371 | 53 | |
| | F | 6,021,507 | 2/1/00 | Chen | 714 | 2 | |
| | G | 6,047,323 | 4/4/00 | Krause | 709 | 227 | |
| | H | | | | | | |

OTHER ART—NON PATENT LITERATURE DOCUMENTS

| *Examiner Initial | Cite No. | (Including Author, Title, Date, Pertinent Pages, Etc.) |
|-------------------|----------|---|
| | 1 | Schwaderer et al., IEEE Computer Society Press publication entitled, "XTP in VLSI Protocol Decomposition for ASIC Implementation", from 15 th Conference on Local Computer Networks, 5 pages, Sept. 30 – Oct. 3, 1990. |
| | 2 | Beach, Bob, IEEE Computer Society Press publication entitled, "UltraNet: An Architecture for Gigabit Networking", from 15 th Conference on Local Computer Networks, 18 pages, Sept. 30 – Oct. 3, 1990. |
| | 3 | Chesson et al., IEEE Symposium Record entitled, "The Protocol Engine Chipset", from Hot Chips III, 16 pages, Aug. 26-27, 1991. |
| | 4 | Maclean et al., IEEE Global Telecommunications Conference, Globecom '91, presentation entitled, "An Outboard Processor for High Performance Implementation of Transport Layer Protocols", 7 pages, Dec. 2-5, 1991. |
| | 5 | Ross et al., IEEE article entitled "FX1000: A high performance single chip Gigabit Ethernet NIC", from Compcon '97 Proceedings, 7 pages, Feb. 23-26, 1997. |
| | 6 | Strayer et al., "Ch. 9: The Protocol Engine" from XTP: The Transfer Protocol, 12 pages, July 1992. |
| | 7 | Publication entitled "Protocol Engine Handbook", 44 pages, Oct. 1990. |
| | 8 | Koufopavlou et al., IEEE Global Telecommunications Conference, Globecom '92, presentation entitled, "Parallel TCP for High Performance Communication Subsystems", 7 pages, Dec. 6-9, 1992. |
| | 9 | Lilienkamp et al., Publication entitled "Proposed Host-Front End Protocol", 56 pages, Dec. 1984. |

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.